

Optolab Licensing GmbH
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Abstract

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What is described is a length measurement system for measuring relative movements between first and second machine parts (21, 28), said measurement system comprising a sensing head (13) and a rule (1) sensed by it, said sensing head (13) being securely mountable on the first machine part (21) and said rule (1) being connectable with the second machine part (28) during 10 final assembly of the length measurement system, wherein the rule (1) is mounted within a profiled part (2) which is securely mountable on the second machine part in final assembly and into which the sensing head (13) protrudes, said sensing head (13) being preadjusted, via a removable mounting element (18, 19), and being releasably connected with said profiled part (2), in a state prepared for final assembly, or said sensing head (13), when finally assembled, 15 protruding into the profiled part (2) without being supported thereon.

(Fig. 10)